



July 21, 2011

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: *Comment Deadlines Established Regarding the LightSquared Technical Working Group Report*, IB Docket No. 11-109

Dear Ms. Dortch,

I have followed with great interest the media coverage of the technical challenges involved with LightSquared's proposed national wireless network. I am writing to exhort the Commission to solve these technical problems and approve this important new component of our nation's telecom infrastructure.

The GPS industry is understandably concerned about potential interference issues. However, the U.S. will not be able to enhance its broadband infrastructure if it does not confront such issues head-on, rationally applying solid engineering to find a solution. Fixing problems that obstruct progress is the key to any country's ability to remain competitive.

LightSquared has already taken an enormous step forward by foregoing use of the 10 MHz band of its spectrum that is closest to the GPS spectrum. This adjustment will solve interference problems for 99.95% of GPS receivers. LightSquared also has repeatedly volunteered to reduce the strength of its signal to accommodate GPS receivers. And the record shows that LightSquared and its predecessors have consistently acted with similar good faith and cooperation for a decade as the regulatory process has unfolded.

Meanwhile, the GPS industry seems to be more interested in stopping LightSquared altogether than in cooperating to find a solution to the interference issues. This seems to be a self-interested stance. It is clear that America needs to optimize use of publicly owned airwaves to expand wireless broadband capacity, and it is incumbent on any licensee of public spectrum to act in good faith to help make that happen. The GPS

9 Creekhill Road
Provincetown, MA 02637
Phone: (508) 487-3361

industry's position is especially distressing given that it profits from its free use of satellites that were designed and constructed, and are maintained, by the American people.

America needs GPS, but we also very badly need expanded broadband capacity. LightSquared's 4G-LTE network would cover 260 million Americans by 2015, as mandated by the FCC, helping to close the digital divide and enhancing our telecommunications infrastructure. As a wholesale provider, LightSquared would also bring new competition to an industry that needs it.

The Commission has an opportunity to fulfill one of its key goals – expansion of the nation's wireless broadband infrastructure – while also increasing competition in wireless. The only hurdle is a technical one that seems within the ability of the American scientific community to solve. Allowing a self-interested special interest to block this process would be a serious blow to the nation.

Sincerely,


Lenore Ross

9 Crockhill Road
Provincetown, MA 02657
Phone: (508) 487-3361